

THIS MONTH WE SALUTE
**RADIO CLUB
OCALA, FLORIDA**

(See V.N. Pipeline)

FLORIDA SKIP

Vol. II No. 1

The All-Florida Radio Amateur's Publication

JUNE 1967

Price 20¢

Citizen Band Tags

By HOWARD KELLEY, K4DSN

Florida was one of the first states in the country to issue special call letter license plates to its ham radio operators. And each year the number of applications for this privilege have been increased.

Now the Citizen Band operators of Florida want the same privilege. On May 3rd Representative James L. Redman of Plant City introduced a bill in the Florida House of Representatives amending the Florida Statutes to read "...residents of the state and who hold an unrevoked and unexpired official amateur radio station or citizen band radio license issued by the Federal Communications Commission..."

The Florida Statute is 320.-083 and the proposed bill is House Bill No. 1120.

The proposal has been sent to two committees. And there is a chance that the bill will reach the House floor before the end of the session.

The two committees and their membership are listed below:

PUBLIC SAFETY: Chairman, Reedy, Vice-chairman-Savage, Alvarez, Baker, Brower, Conway, Crabtree, Ferre, Gautier, Gibson, Gorman, Grizzle, Holl-oway, Inman, Mann, Mattox, McDonald, Murphy, Rust, Ryals, Sessums, Smith, Tillman, Williams, Yancey.

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Viet Nam Pipeline

By CHARLES CHESTER, WA4LRW, EC MARION COUNTY



PUTTING UP one leg of the Viet Nam rhombic are members of the Silver Sggs. ARC. 'Hold on to that line, Johnny...'

(EDITOR'S NOTE: Here is an informal report from one of Florida's smaller Radio Club's. With only 10 members they did more than a club with 100. It just goes to show what can be done with hard work and keeping a goal in sight until the project is completed. Read on.)

The Silver Springs Amateur Radio Club of Ocala has completed another project after many months of careful planning and hard work. We "acquired" a large portion of land on Sharps Ferry Road east of Ocala. On this land we built a 10 by 26 foot club house, furnished inside and out.

Also on this land we constructed a rhombic with 8 wavelengths on each leg. The length of the beam is close to 1000 feet from input to its end. We are feeding this with a Collins rig, using a National NCL-2000 at full power on the MARS frequency near 20 meters. Needless to say the beam is tied-down on VIET NAM for traffic and phone patches. They report us loud and they are the same -- when the band is open. The number of phone patches increases at each opening and we are proud that we can give this kind of service to the troops in Viet Nam.

It is only fair to advise that we have plenty of "friends" here in the Ocala area. Such as--the supply house, manufacturers, land owners and both

telephone and power companies, along with Civil engineers and many more have donated their service and supplies, material for the club house, the antenna poles. They even set the poles, donated by Ocala Power Co.

The club members constructed the club house which has all electrical lines in conduit, was donated by the supply houses here.

We really are proud to have so many friends. I hope this story will inspire other clubs in Florida and elsewhere to take on a project such as this.

Anyone requesting info on the Rhombic or this project write WA4LRW or K4ANJ for details.

Participating were: W4AKA, K4ANJ, W4ASF, K4CMK, K4E-JW, WB4EXN, K4BHL, W4UEO, K4VDX and WA4LRW.

Field Day Is Sooner Than You Think

It's that time of year again, and time for another field day. So if you haven't yet made plans, get busy: we understand Jacksonville's out for blood this year--your blood. There's another beautiful SKIP trophy for the best single transmitter--will you take it away from Jax? The big one is up for grabs again too, and who will get their name on it along with Gainesville and NFARS? Let's go folks, those trophies are getting lonely and looking for a home. Go get 'em tigers!

W4CPG to A.R.C.

New Port Richey was never heard of until that sunny day some thirty-five years ago when Russ Patterson put that little ole town on the map, with his 50 watts of AM on 160 meters. Russ practically introduced to the world back in those days; he had a signal that wouldn't wait. The goal of every Miami Ham was to work New Port Richey on 160 meters on the Sunday morning round table of the "160 Meter Gang." The official (organ) of this group was the "HARMONICS", edited and

(Continued on Page 16)

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Dear Mabel XYL Award, c/o Skip, Box 501, Miami Springs, Fla.

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-Editorial-

The SKIP staff has carefully evaluated the little survey sheets we sent to you when your subscriptions come up for renewal. We wish to thank those who replied for their assistance. A meeting was held on May 8 to determine how we might improve your Florida SKIP and make what we hope is a good periodical even better. Several suggestions were made and hashed out, and the result was a program to put a "New Look" into SKIP.

Your replies indicated that you want more technical material. Of course, this has been a problem for us, since we have previously asked our readers for contributions with poor results, except for a few like K4UGC who month after month has taken the time to make our paper better. Due to your request however, we are willing to go a step further. Henceforth, SKIP will pay cash - FIVE BUCKS COLD CASH - plus a free year's subscription to the person of his choice, to the author of any technical article which appears in SKIP. Here's your chance to improve SKIP and make a little hay besides. We're looking for small, easily build projects, especially of the "evening project" variety. How about it? Let us in on your brainstorm and do your part to put a new look into SKIP.

The second-most requested item was an improvement in the club and net news portions of our paper. To do this, however, we will need a club news editor to do the necessary additional task of compiling all of the club and net news around the state into a column that will be brief, but of general interest to members and non-members alike. All we ask is a few hours of your time each month. We would like to beef up this section, but we will need help in doing it. What say anybody? We can't do it without YOUR support. Please contact us as soon as possible if interested.

The editorial page, or rather the lack of one, has also been brought to our attention. We can make no promises in this department, but we hope to have a short editorial each month.

As many of you probably have heard, postal rates went up May 1st, and our rates nearly doubled. The staff has insisted to "hold the line" on subscription rates, even though our only hike in the past 11 years occurred in 1958 when we tripled our size. However, with your cooperation we can still break even.

We have decided upon a new HAMBAR policy. Henceforth, the HAMBAR service of radio equipment ONLY will be available to all subscribers - amateur or non-amateur - at a donation rate of 25¢ or more for 10 lines, and 5 cents a word above that. There are approximately seven words to a line. The number of ads at this rate is unlimited, but only one ad per month please. Non-subscribers \$1.00 for 10 lines and 5¢ each additional word. Commercial rates remain the same, see page 15. The two bits won't break anybody, and it will help us defray our increased postal costs without a subscription rate hike.

We are still in need of advertising. Please remember the existing SKIP policy of giving 10% to the person who can get us new advertisers. How about button-holing your friend at the radio store and asking him to advertise in SKIP. Also remember our little personal ads. Here's another chance to make dough and help SKIP at the same time.

This is only the start if we have our way, but we'll need your help. The "New Look" is coming. We hope you'll like the difference.

Spring

The beautiful red flower grow-
ing on the wall,
Will bloom all summer and late
into fall.
Then the cold, cold frost will
kiss her red cheeks,
She will bow her little head and
fall asleep.
She will sleep all winter even
unto spring,
Then awake in new clothing and
will bloom again.
Birds will nest in her branches

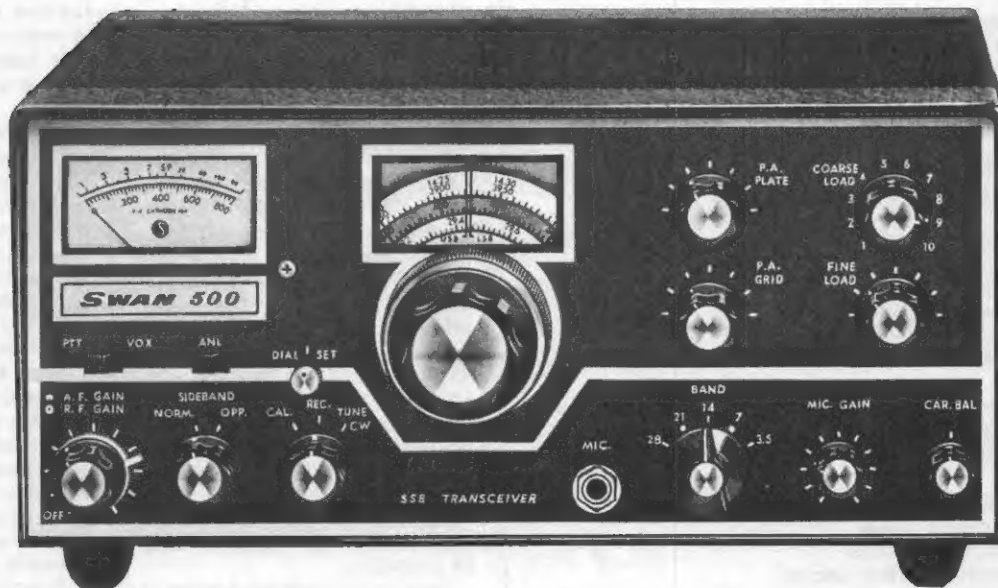
which they call their homes
And sing to each other their
beautiful love song.
When the babies are hatched and
fly away in the sky,
They will come home again in
the sweet by and by.
The beautiful red flower will
greet them again,
When the cold winter is over and
has turned into spring.

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FLORIDA SKIP, June 1967 3

NEW POSTAL RATES

By Howard Kelley K4DSN

The United States Postal Service increased some of its rates for foreign mail on May 1, 1967. The new International Postal Rates will affect those hams who send QSL cards either by surface or airmail. The rates are now in effect.

SURFACE RATES

QSL cards	
Canada and Mexico	4¢ each
All other Countries	8¢ each
Letter Mail	
Canada and Mexico	5¢ per ounce
All other Countries	13¢ 1st ounce
	8¢ each additional ounce

AIRMAIL RATES

QSL cards	
Canada and Mexico	6¢ each
All other countries	13¢ each
Letter Mail	
Canada and Mexico	8¢ per ounce
Central and South America, Caribbean, Bahamas, Bermuda St. Pierre, Miquelon	15¢ per half ounce
Europe and Mediterranean Africa (see exceptions below)	20¢ per half ounce
Estonia, Latvia, Lithuania, USSR, Asia, the Pacific Oceania, Africa (except Mediterranean)	25¢ per half ounce

New rate information DOES NOT apply to mailing to or from Armed Forces Overseas.
(Postal Bulletin-20586, April 21, 1967)

FLORIDA SIDEBAND ASSOCIATION

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VHF EASTERN FLORIDA

By Bertha Farr Eggert
WA4BMC

The big news this month was the lack of rain and therefore the high line noise. Two meters was very hard to work; the line noise was so high, that the pleasure was gone. Let us hope by the time you read this that we will have had lots of rain. This is probably the reason I have had no reports at all.

I had a post card from W4CKB, Bev, Mortgage Mountain, Lake Placid, and he is now running 1 KW on 147.360 FM. Antenna is an 11 element vertically polarized yagi up 200 feet above sea level and fixed on Miami. Thank you for this news, Bev, and best of luck with that.

Six meters has been open to VP7, central and south America, Puerto Rico, and, occasionally toward the north, according to what I have heard. I worked New Jersey May 6th but he faded out during the qso. Side band signals last longer, and I plan to use my 62S-1 as much as possible.

On May 4, I worked 3 stations from KP4-land. Their ability to speak English far outshines my ability to speak Spanish and this makes me feel somewhat ashamed.

Our regular 2 meter nets are progressing nicely. We have been handling some traffic and official bulletins on Monday, Martin county net, Wednesdays, Palm Beach county net, and on Friday, South-East 2 meter traffic net.

K4SJH has gone to California for his daughter's wedding and will be gone for 6 weeks, so our morning sked is off, until he returns.

That is all for this month. Hope I get some reports for next month's column.



AFB4JTK/AFC4BND

Brig. Gen. Brooks attended the Air Force Mars meeting at the Orlando hamfest and gave a very fine resume on air rescue and recovery service. He presented both slides and motion pictures and were enjoyed by all present. Also present was a member of the AF Para-rescue team in full dress. Lt. Mehnert Comm. Mars. AFCS was also present with AFA4FPP, Joe Davidson Area #2 co-ordinator and Howard Brinkley the GA.

Lt. Mehnert was very pleased with the turnout at the meeting with more than 90.

AFA4ANJ and AF4VRK, John and Vern have a rhombic antenna up and are transmitting and receiving phone patches direct to and from Viet Nam. There were more than 10,000 phone patches to and from Viet Nam in the month of March. Our chests should be way out and it is getting better.

AFC4CKY and AFB4CVW have been running successful tests in facimile on 49980 kcs. Tom is running a 6'er and Fred has a HE-45B.

Those of you who attended the dinner at the 'Bit O' Sweetin' in Orlando for AF Mars members and families sure will remember the master of ceremonies AFB4KNO, nice job, Lew.

Say you up-state Mars members and out of state members please send info and pictures for this column. If you want to read about your local area let us know what's going on.

Let's get our monthly reports in on time fellows. Give the net MGRS a break. They work a lot harder than we do.

AFB4FKH, Don Hamilton has been doing a fine job as mailing officer of official material and important information.

Congrats to AFB4WRL in becoming a transcon agent. We can expect much traffic from him. Don't forget if you are interested in joining Air Force Mars, get in touch with AFB4JTK/WA4JTK or AFC4BND/W-BND at 624-3018 --- 759-9847, Miami.

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FLORIDA SKIP, June 1967 5

PROCLAMATION

State of Florida
Executive Department
Tallahassee

WHEREAS, Florida Amateur Radio Operators give unstintingly of their time, talents and energies to provide emergency communications whenever and wherever needed; and

WHEREAS, foregoing all considerations of monetary and material gain, amateurs, individually and collectively, have contributed significantly to the advancement of the state of the art of communications; and

WHEREAS, through their voluntary activities, amateurs throughout Florida and the United States have made significant contributions toward the maintenance of international good will between the United States and the world; and

WHEREAS, purely for unselfish personal reasons, amateurs have aided and contributed to the rehabilitation of blind and otherwise handicapped persons, procured medical and other assistance for the isolated and desperate in all parts of the world, provided contact with home for charitable and religious expeditions to remote places; and

WHEREAS, amateur radio operators in Florida and elsewhere have strengthened the bonds to their homes for thousands of service men stationed in the Arctic, Antarctic, the remote tracking stations, scientific exploring parties and military bases all over the world; and

WHEREAS, Florida Amateur Operators stand ready at all times to go to the aid of the nation in case of national emergency;

NOW, THEREFORE, I, Claude R. Kirk, Jr., by virtue of the authority vested in me as Governor of the State of Florida do hereby proclaim June 18 - June 25, 1967, as

FLORIDA AMATEUR RADIO WEEK

in Florida, and call upon the citizens of this state to join with the Amateur Radio Operators in observance of this week with appropriate exercises to further and stimulate interest in amateur radio.



ATTEST:

[Signature]
SECRETARY OF STATE

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Florida to be affixed at Tallahassee, the Capital, this 14th day of May, A.D. 1967.

[Signature]
GOVERNOR

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CLUB NEWS

GAINESVILLE

By Bill Wells K4RDP

Honest to goodness, if a real emergency requiring the service of the local AREC crowd, on the week-end of the Orlando Hamfest, it would have been a wipeout. Our most sincere thanks to Wes Gardener and crowd. Fellows, you did it again! I feel that this annual gathering of friends and fellows (and gals) is about the best thing since razor blades. Where else, so centrally located, can a group of people of such a diversified hobby (service), having so much in common, meet and renew their interests and make new friends.

Ah yes! Field Day time again so soon. I haven't quite gotten over last year and it's that time again. Mich Hudson W4UW, has taken the dilemma by the horns this year and I'm sure the results will be most satisfactory. Last year for the first time, it didn't rain on Field Day. This year, if this drought ever ends, it'll probably flood. Honest, things here are so bad, I saw a fire plug chasing a dog. Trying to make friends the hard way, I guess.

Isn't it amazing, when you go to a hamfest, not only do you meet old friends and you take a few items to sell, but you always go home happy, broke and take back more and different junk and equipment than you took with you. Many of the local bunch are

happy with their swaps and purchases. It was a real buyers market. And even more amazing, I'll bet you never realized you knew so many people. Our hat's off to the Orlando bunch, for once again; a thankless job well done.

FT. MYERS

By Ken W4SMK

Last month the club visited the new office building of the local telephone company and we were given a fine tour. The program was arranged by Joe K4HNW, our program committee chairman. The building and equipment reflects the rapid growth of the Lee County area. We were impressed with the large DC and microwave equipment used, and also the 60 YL operators on duty. Thank goodness things are not completely automated.

As reported last month, the club picnic at Judd Park was a big success with a nice crowd and plenty of food. Special credit goes to Earl K4FQU who did the barbecuing and to all the XYL's who prepared the covered dishes. Let's do it again next year.

Windy W4LZD has been out making speeches about Ham Radio to his local church group. He put on a demonstration with several of the boys on the air, and got some nice publicity in the local paper. W4LZD plans to make another talk later before a different group.

Thanks to the efforts of G.E. W44DQE and Bob W4HSG, who is C.D. Communications Officer, an operating RTTY station is now installed at C.D. headquarters. C.D. has some new RTTY converters ordered and will have a first class set up when they arrive. If we do not have good emergency communications it will be due to lack of operators and not lack of equipment or planning. If you are willing to help with Lee County emergency planning contact EC W4SMK (Ed 7-5834) or RO W4HSG at C.D. headquarters.

June is Field Day month and we plan to activate W4LX/4 with several transmitters. Hope we have lots of club participation, and remember that Fla. Skip Trophy would look good in your club station, too.

We hope all Skip readers have a nice summer vacation and drive carefully while mobiling please.

NOFARS NEWS

By Howard Kelley K4DSN

With Field Day just over the hill NOFARS members pledged themselves to defend their Florida Skip title of 1966. Early planning just may do the trick. SCM Jesse Morris, W4MVB, is again heading up the Field Day committee. This will be the first time that the club has had a chance to use its new call--W4IZ. The FD QTH will again be the Gator Bowl.

Club members got a workout on the not-too-high seas by providing communications for the boat races at the Florida Yacht Club. They'll do it again in June for the big yacht events.

George Werner, W4ORT, will head-up a future series of Novice classes to recruit new members for the hobby and NOFARS. The club has agreed to continue the classes toward the General Class license when the Novice instruction is completed.

A new home for the club may be in the offering. The May meeting shifted to the Letter-Carriers Union Hall instead of a local church. The ultimate in the minds of the Board of Directors is something more permanent... something that can be called home.

A group of the teenage members have formed a radio club of their own at the Bishop Kenny High School. They are now in the process of setting up a club station. Several NOFARS members have toured their junk boxes to give them a hand.

W. PALM BEACH

By John A Benjamin Jr.

The regular business meeting took place May 1 with Ted Kohl, W44DXU presiding. Most of the discussion was around field day coming real soon. Plans are now underway to paint the inside of the van and to prime outside and then install six foot racks to mount equipment. When the vehicle is completed it will double the efficiency of the clubs emergency communications. With this and any other improvements the club will really be efficient. As far as plans have gone we will operate field day with the following equipment; KWM-2 SSB, SB-401 SSB, Viking CW, Ameco 6 and shawnee 2 meters. We hope to talk to some of our readers during this exciting event.

This is a reminder to all certificate hunters that our Club offers a certificate called the "Sailfisher". All you have to do is talk to five amateurs in the county and the last one tell who you've contacted including both dates, times, and calls. Then contact the Club with the list and your certificate will be sent free of charge.

We would like to have comments on our article we write for Florida Skip. Please let us know whether you like it or not. We'd love to have suggestions, but most of all we would love to have you visit us at the Club. Send your suggestions directly to me, John A. Benjamin Jr., 1510-17th Avenue North, Lake Worth 33460. If you care to visit our club we are there Monday and Friday nights. Our address is 823 Newark Street, West Palm Beach, 33401. See you Field Day.

B.A.R.C.

By Jim Wilson W4GDK

With our President Jack Wainwright W4IEH, back in town after a long cold vacation trip, we're ready to go into a summer of activity.

Field Day June 24 will find a big crew of B.A.R.C. folks working lots of stations and eating lots of food. Jim Rogers W4AABA is in charge and is counting on help from all of us. Let him know when you can be there and what you want to do.

Many from our Club attended the Orlando Hamfest and also the various group meetings.

It is hoped that all SKIP readers will remember our Club's Project Argus in which we build Tone Comparators to make it possible for blind hams to tune their equipment without seeing the meters or the dial readings. If you know of a blind ham who needs one, let us know and we will try to help him get one.

New members are swelling our ranks to the point that our meeting room is almost too small. That indicates a good club. We welcome newcomers.

The next meeting of the club will be at 8 PM on June 14 (the second Wed.) at the Broward County Medical Ass'n. Bldg. at 2200 So. Andrews Ave., Ft. Lauderdale. A good program will make you glad you came.

SUNCOAST ROVING REPORTER

By Cathy Soehl - W4BAV

Many went home from the Orlando Hamfest, happy with their winning; however, W4JKK of Pompano, was happiest as he won both Swan 350's.

K4HQA-Art was honored at the Suncoast VHF Hamfest April 16th, when he was awarded a plaque & trophy proclaiming him the "Ham of the Year." This is the 1st such award presented by the VHF Club and the choice of the recipient was well placed. Art has helped many, many hams by building the "Art Bond Special" ground plane antenna; he assisted in locating and fixing rig troubles and any monies given him for such help were donated to the Suncoast VHF Club; he is Net Control for SPARC-GAP and Suncoast VHF Nets; besides many other ham services and activities. A picture of Art, with trophy, appeared in Ham Shack column, April 25th.

W4WHF-Larry, of Sarasota, took part in the DX-pedition to Georgia, USSR, in that he handled the QSLs for UW6BA-Oleg and UA6-14303-George. This DX-pedition was for the CQ WW DX CW contest. Oleg and George operated under call UA6KAF/UF6; worked 227 countries with 1127 QSOs, making 972,656 points. The DX-pedition was located on the seacoast of the Black Sea.

W4NQX-Paul reported a ham in Tampa heard Sweden recently on 6-meters. K4TOK-Dutch, in Clearwater, has heard Uruguay, Argentina, Brazil, Chili, Peru and Cuba also on 6-meters. K4CNB and W44EDL have worked many of them; so it looks like you might work the world on 6, if you're lucky!

K3MAU-Paul Goodrich, from Oxon Hill, Md., visited the Suncoast area. Paul founded the Confederate States Rebel Net, which issues a very beautiful certificate. He is checking property around the State, expects to move to Fla.

The 6th edition of the Ham Phone Directory, listing about 2000 Calls, Handles & Phone numbers of Amateurs in Dade, Broward and Monroe Counties. Subscription \$1.00.

HAM RADIO DIRECTORY

Morris Stabin, K4DJW, Editor
1136 S.W. 74th Court
Miami, Florida 33144

BROWARD AMATEUR RADIO CLUB, INC. W4AB

Meets 2nd Wednesday of Month
All amateurs invited to attend club meeting at:

Broward County Medical Association Bldg.
2200 S. Andrews Avenue
Ft. Lauderdale, Fla.
2nd Wed 8 pm
Affiliated with ARRL - AREC - CD

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W44JKF

The North Miami Amateur Radio Club

Meets every 2nd and 4th
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RTTY-SSB-NETS

W44-WB4-WN4-QSL

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SARASOTA, FLA. 33577
U.S.A.

CLUB NEWS

DADE RADIO

By W4EDP

On April 18 the club visited the Miami weather bureau in the computing center at the University of Miami, and to say that it was only interesting would be an understatement. Forecasting the weather is getting to be more of an exact science all the time and one look at the equipment they now have at their disposal will show you why.

One of the principle items of interest to hams is the set-up for receiving pictures from weather satellites. The antenna is on the roof of the building of course, and consists of a helix designed for 136 Mcs, which is pointed by remote control from the operators position downstairs. The satellite now operating will transmit a picture every 6 minutes, and since it is in view for about 15 minutes on each pass they get 2 pictures of this area each pass it makes. There are normally 2 passes over Miami sometimes during daylight hours, and pictures are copied during each pass-age.

Facsimile equipment is used to send the pictures from the Miami station to Washington for relay to other stations that can use these same pictures, and in turn pictures from other areas that are of interest to the Miami office are relayed to Miami. Seems to me that hams developed the art of relaying some years ago, and see what they do with it now!

The teletype equipment was something that would give the drools to any RTTY man. Rows of beautiful machines all giving with 100 WPM, keyers, perforators, reperforators, repeaters, etc.

The Club is indebted to Mr. Pardue for a most enjoyable evening. Thank you, sir.

73 es CUL W4EDP

INDIAN RIVER NEWS

By D.R. Klobe WA4KJV

How about that, the same ham won both Swan 350's at the Orlando hamfest. Boy, talk about being lucky. Sure enjoyed the Hamfest. I think the highlight of the festivities was the swap shop. It sure was crowded and there was a lot of wheeling and dealing going on. About 11 people from the club went. W4FXH went over on Saturday and W4BJD, WA4DAN, WB4EBH, W4EWB, W4HCG, WA4RIA, W4AWBG, W. Cox and myself went over Sunday. Good show Orlando Amateur Radio Club. See you next year.

Saw by the May Skip that Larry Smith, W4BJD made the Top Twenty Traffic Takers list. Between you Florida Skip reader's and myself, I don't see where Larry gets the time what with being so active in RACES and AREC.

Got four new member's on the Roster since last printing. Glenn Diggs, W4BFQ, Larry Dearinger, K4BSQ,

Wilmer Remaley, K4KNR, and Bob Peever, W4TIH. Welcome aboard fellows.

George Basher, WB4BXJ, had to go to the hospital for an operation on his back. He is home now resting and I understand doing very well.

Heard Johnny Anderson, K4GCC, (4 Gallons Canadian Club), back on two after a long absence. He had converter problems but I guess he got them straightened out now.

Boy, talk about a dry spell, the Co-coa-Rockledge area smells like a burnt cinder. I would venture to say, we have been averaging about one fire a day. Our fire departments sure have been busy. The local PAGES had to lend assistance one day for about four hours. What with high winds, the fire didn't even slow down for four lane highways.

Field Day is coming according to Harmon Strieter, W4DQS and Fred Wilhelm, W9RSZ/4, plans are well underway for the event. Harmon and Fred who are chairman and co-chairman respectively, for the club informed us that a site has been chosen and most of the minor items have been taken care of. This is the first Field Day since the club has been re-activated so all I can say is "Look out, here we come."

I was very pleased, as I am sure all Florida amateurs are, that Governor Kirk proclaimed June 18 through June 25, 1967 as FLORIDA AMATEUR RADIO WEEK. I hope we all continue to show Governor Kirk that we appreciate this honor by using only the highest degree of operating standards and continue to serve the public whenever possible during any emergency.

73's till next month, Don.

HARS NEWS

By Roy Scott - W4UHF

HARS held its last meeting May 23 before adjournment until the next meeting August 22nd. The next Board of Directors meeting will be held August 1st. Although the Club meetings will not be held during June and July, HARS activities will be continued right through the summer.

Plans for HARS participation in Field Day activities June 24 and 25, are just about completed. Club station WA4GJJ will set up its transmitters on Davis Causeway (also known as Courtney Campbell Causeway) in two trailers. All amateur bands 60 through 2 meters will be covered all modes of transmission excepting ATV and RTTY will be used. George Dixon, WA4VQT is in charge of Field Day; call him at 935-3280. A big picnic in connection with the event will be held Sunday evening—bring your own food. Movies will be shown by Frank Haines, WA4GDS. Many of the YL and families plan to assist in tabulation of the logs. We may not win a trophy, but are going to have a lot of fun. The Tampa Police Department and State Road Department are cooperating fully in allowing HARS to set up the FD equipment in the picnic area of the Causeway.

Final examinations were given to 13 of the Novice code class so we should have a lot of new hams on the air real soon. The response has been so fine that a new Novice class in code and theory will be held during the summer. Also in connection with HARS educational program, a class for General License in both code and

(Continued on Page 10)



CAPE KENNEDY HAMFEST

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How SKIP Goes Together

(WITH A HOP, 'SKIP' AND A JUMP)

COMPOSITION



Many of our readers have asked, "Who produces SKIP?" How many people does it take?" "What work is involved?"

After stories and reports are received from you the reader, Club Editors, Special Guest Writers and Advertisers we begin the detailed process of "makeup."

Here is a step by step account of the many operations and the equipment involved to bring you Florida SKIP each month.

AFTER ALL COPY is edited, it is typed and recorded on perforated tape by the Friden Justewriter operated by Mary Hillard (left). The tape is then fed thru another machine (reproducer) where it automatically types and justifies the column margins. Mary does a great job with these machines. I'll never know how she does the HAMBARS with so few mistakes.

ART & MAKE-UP



HERE'S THE beauty of the SKIP operation - Joan Simcox (Don's XYL fellows). She is equally talented in layout and ad make-up.

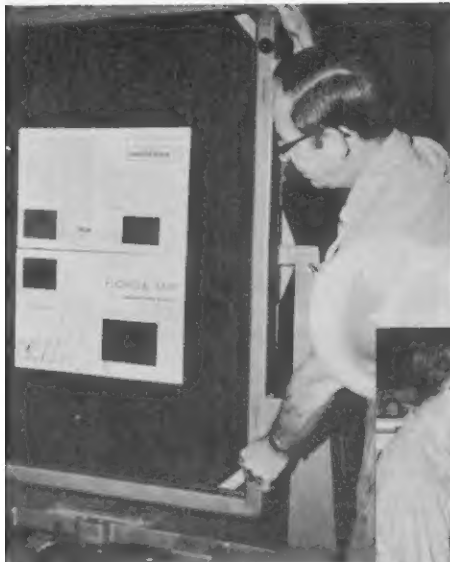


OUR HEADLINES are set by Varityper Headliner and any size letter from 14 to 72 point size is available. Type is printed on strips of photographic tape, developed in the back of the machine and rolls out of developing tank ready to paste up.



DON SIMCOX IS the guy that really puts our paper together each month. Each ad is carefully made by Don at this table. When all sixteen flats (pages) are pasted up, they come back to the Editor for final checking. From there they go to Parish Associates, Inc. in Mialeah, where SKIP is printed.

CAMERA DEPARTMENT



ALL SIXTEEN pages of SKIP ed-up by Don Simcox and Assoc- is ready for the big Robertson Here Charlie shoots pages 1, 4, 6. Next he shoots pages 5, 8, 9 then 2, 3, 14 and 15. The last of pages 6, 7, 10 and 11.

THE LARGE 3-M metal plates, which contain four pages, are carefully developed under the watchful eye of Charles Alber of Parish Associates in Hialeah. It takes four of these plates to make up sixteen pages each month.

PRINTING



THE NEGATIVE is placed over the 3-M plate, now ready for "burning" on the flip-top Nu-Arc platemaker. Arc light is used for the exposure. Note the white areas on the negatives. This is the sport where photo halftones are stripped in. Mr. Alber is an expert in his field.

BINDERY & TRIMMING



NOW THAT the SKIPS are printed, it is time to stitch, fold and trim. This is done with large power paper-cutters which trim about 40 copies at a time. The bindery work is done by Macke Bindery of Miami. Shown here is Mr. Long cutting paper for the press.

AFTER THE PLATES are dried they are put on the "ATF Chief-126" press (4 pages at a run), where boss-man Dick Long does the final printing job. We can get 2,000 copies (each of 4 plates) in about 5 hours.

SUBSCRIPTIONS



ALL NEW subscriptions, renewals, extended renewals, (we have some paid thru 1972) are processed by Betty Clark, W4GGQ. A blue file card is typed showing date of subscription, call, full mailing address and expiration date. From these we type up a metal Addressograph plate (Ye ed above) which is filed by ZIP number-ready for mailing. These metal plates last forever.

MORE ON NEXT PAGE

HOW SKIP IS PRODUCED

(Continued from Page 9)



HERE YE ED runs off the Addressograph plates thru the electric Model 90. It will handle about 30 plates before changing. Andy Lee (9), stacks 'em in a pile (about 150 per stack) after which they are carried to the "sporting table". Jane (22 months) keeps daddy calm and a close eye on the entire operation.



HERE AT THE sorting table (an old door which can be dropped down in the garage) we find Vance Murr, W4FWI, and Betty Clark W4GGQ, counting and tying the hundreds and hundreds of SKIPS by ZIP numbers. About 6 to 8 man (and woman) hours are used to get SKIP addressed, sorted, tied and boxed, ready for the post office. Handy Andy helps load the boxes.

OUR SEVEREST CRITIC

JOAN (22 months) says "Hey pop, I found 4 typos on page 6. . . ." Oh well, you can't win 'em all.



MAILING

CLUB NEWS

(Continued from Page 7)

theory will commence shortly. Both classes are under the supervision of Paul Bick, WA4JYD and the theory instructors will be Bob Dempsey of radio station WALT engineering, and Frank Ryan WB4ETO, radio engineer for WUSF. New classroom equipment has been purchased to handle the large number of registrants.

The date for the Tampa Hamfest has been set as Sunday, October 15th. It will be held at Lowry Park, Sligh Ave. at North Blvd., in Tampa. The ample accommodations for seating, picnic lunching and shelter make it possible to have the HAMFEST rain or shine. Plenty of free parking, easy access to the Park, plenty of activities for the Jr. Ops. and YL in the "Fairlyland" (free admission), zoo, baby elephant, many other wild animals. There is also an extensive miniature railroad trip which you and the children will love. The large attendance (over 500) at the last hamfest in Rowlette Park has made it necessary to move this event to Lowry Park. This beautiful park build under the administration of Mayor Nuccio, has just about everything for an enjoyable day for the entire family. There will be plenty of uncrowded space for swap tables. Be sure to make plans now to attend the Tampa Hamfest, lots of door prizes for all the family, and picnic lunch. Remember the date, Sunday October 15, 1967.

GULFSTREAM SOCIETY

By Al Suhr, WB4AID

The great day came at last! Stan Scalise, W4WZZ, Engineer - Trusty for the Gulfstream Society of Amateur Radio Operators, announced, on April 8th, our new call WB4FPB.

WB4FPB went on the air Sunday morning, April 23, with the help of W4WZZ; Jim Johnson, W4JBZ; Warren Little, WA4EFA/M; and Al Suhr, WB4AID. The first contact was CW with Don, WB4AVI and the first phone contact was with J.T., K4KUP, both of these are located in Jacksonville, Fla. A real three-ring circus, when it was learned that we had paper, BUT NO PENCILS—Stan and Jim removed the blackboard from the easel and gave Al a piece of chalk—BOY—that was the funniest operation ever! Russell Richner, K4QVX, responded to our letter of invitation and is now a member of our growing group. Russ is a long time resident of Lake Worth — a professional with a First Class Ticket. A real CW man, too. (QFN needs you OM!)

Al Suhr, Stan Scalise, Jim Johnson, and Frank Piverotto, WA4TBN and Frank's XYL, Betty, represented the Gulfstream Society at the Orlando Hamfest. A true high-light of the Ham year.

A change in frequency of the beginning CW drill from 21.102 mc to 7.090 mc at the same time, 2000 hrs. EDT sent by WB4AID. The fast CW

will continue at 1900 hrs EDT on 21.080 mc as announced by Frank Piverotto, WA4TBN the CW instructor for the Society.

G.S. members have agreed to organize a two meter net. It will then be possible to meet on the air if necessary, a sign of progress.

At the Hamfest WB4AID coffee-clatched with W4MZU, WA4UEJ and XYL Norma, K4BWO, WA4JLH and XYL Alice a nice time too. W4TK spread Southern Cheer.

FLORIDORA NEWS

By Cathy Soehl - W4BAV

S.O.S. FLORIDORAS! If you have not paid your dues, please send at once to our new Treasurer: W4BIL-Fran Foley, 14698-63rd Way N., Clearwater, Fla. 33516 and indicate if you are YLRL member. A new membership list is in the making and your name will appear if dues not paid. Also any girls who have moved out-of-state and having Floridora pins (in good condition) may return them for refund if they are so inclined.

The Orlando Hamfest is over and the Floridora 10th birthday duly celebrated with a beautiful cake and coffee. K4UIZ-Ev did her usual good job with decorations and each received a fancy garter of blacknet, each trimmed with different color ribbon and 2 little tinkling bells in the center of bow, which prevented them from sneaking up on anyone.

At the Floridora annual business meeting held Sunday, elected were: Pres.-Shirley; V. Pres.-Dot; Secty-W4EHN-Betty; and Treas.-W4BIL-Fran, who were installed by W4HRC-Little Bo. W4WPD appointed: K4RNS-Marge, Certificate Custodian; WA4SII-Cuddie, Membership; K4UIZ-Ev, Historian; K4QBY-Dorothea, Net Manager and W4BAV-Cathy, Publicity. The door prize, a Taylor Desk Barometer was won by new Novice Member, WN4FSF-Bonnie and ballot prize, a bottle of Chantilly Spray Mist, by W4BAV-Cathy. Also welcomed new members WN4ETV-Mabel and W4GPX-Ruth and WN4FSF-Bonnie.

W4UF-Dot, congrats on receiving life membership certificate #827 from the Old, Old Timers, for being a licensed ham for forty years.

W4HRC-Little Bo looking forward to retirement in Jan.

K4RNS-Marge enjoyed visit from W8ATB-Esther and OM, W8QBO-John as they toured Florida. Esther checked in Floridora Net.

W4BAV-Cathy proud of "Merit Award Certificate #2" from Amateur Radio Club of Fla. for "reporting-Editing Amateur Radio News more than 12 years." Cert.#1-W4RUR and #3-W8BAH.

WESTERN FLA.

By Frank M. Butler Jr., W4RKH

West Florida has a new SEC -- W4IKB. Sincere thanks to W4MLE, who, with W4IYT, spent many years making the Fla. ARPS what it is today.

Tallahassee: The TARC held a banquet May 6, for members and XYL's. Plans were made to boost club activities during the summer and to make the dinner an annual affair.

Madison: WA4GHE completed homebrew power supply for the HF rig. Cross City: W5AYS/4is stationed at the AF Station here. Perry: K4AVS has an Elco 753 on the air.

(Continued on Page 12)

NET NEWS

TROPICAL PHONE

By Ken W4SMK

When Fla. went on Daylight Savings Time April 30, the Tropical Net shifted time from 220 GMT to 2100 GMT. This is 1700 EDT or 5 PM if you prefer old fashioned time. The net frequency remains 3945 Kc. and we meet daily except Sundays. We hope Summer propagation will allow us to operate at this hour until Fall.

We are especially proud of our hard working net control stations on TPTN. NCS on Monday is Larry W4BJD, Tuesday is Jim WA4DEL, Wednesday is Don WA4YIH, Thursday is Ken W4SMK, Friday is Win WA4COR (Net Mgr.), and on Saturday is Fred WA4TUB. Others who also help as NCS are Jim WA4TWD, Bill WA4NEV, and Preacher W4DUE.

WA4COR Win was off the air several weeks while he was rebuilding the station. Bill WA4NEV has had to drop his regular NCS spot due to business. We hear that Dick WA4KDL is in the Air Force in Colorado. K4DAX is back after being out of town for a month.

A new net member is Burt W4EHR from Jacksonville, so Jax is well represented now with 5 stations on our net.

March was an unusually good month for traffic on TPTN. We came up with the highest average QTC and second highest total QTC of all nets reporting. Much credit goes to WA4BMC and W4FP for bringing lots of traffic to the net, and also to our regular out of state man I. J. WA4SCK. Nice going gang.

April totals -- QNI 644, QTC 186, 25 net sessions. This month was down from last, but this is par for the old summer time. Hope to CU all on 3945 Kc.

FMTN

By W4AKB

We have missed several of our regular check-ins during April. WB4AIW, Burch, has been away on vacation and K4DAX, Herb is in Texas; W4IE, Charlie is in Mexico also vacationing. We hope they all have enjoyed a nice change. June, WA4ESL,

is back with us after being out for several weeks. W4ILE, Reg, is still away and no word when he will be back.

Daylight Saving Time became effective April 30th. The Net will be on one hour earlier or 1800z - 12 noon EDT. We are glad to have AM, CW or SSB stations check-in. Any station desiring to be placed on the roll may request the NCS to do so and you will be called each day. Stations not checking in over a period of weeks will be dropped from the roll but will be re-instated if and when they resume.

The following stations were NCS during April: W4ILE (1); W4SDR (6); WA4YRU (2); K4DAX (2); W4AKB (5); WA4WYL (10).

During the month of April there were 26 sessions handling 555 formal messages. Average QNI was 21.4; average QTC was 14. 73, Charlie

QFN REPORT



By Bob
Blumberg
WA4OHO

The Orlando Hamfest is in the past now, but it will remain strong in the memories of all QFN members who attended. Approximately 30 net members found their way to the breakfast and a fine eyeball session was had by all.

Wayne W2TPV/4 reports that all 60 sessions for April were reported. The statistics showed a total of 755 check-ins who handled 520 messages in 1299 minutes for an excellent rate of 6.46 messages/minute.

Daylight Savings Time threw some mystery into net operations but things are running fairly smoothly now.

WA4OHO took over as net manager on May. Please remember that all QNS reports now go to him.

Glad to have K4KDN back after a hospital operation. Herb's excellent fist and operating savvy have been a valuable asset to QFN.

Representatives for regional nets are still needed on a regular basis. Anyone who wishes to represent Florida on 4RN or RN5, please ARL 7 WA4OHO.

The summer months and the earlier times are creating some havoc with signals, but QFN will hear anyone who wants to check-in on 3651 kc daily at 2230 and 0200 Z.

FLAMINGO NET NEWS

By W4EDP

The net held one of its well known transmitter hunts on May 7 and the winner was WA4BPX, Clarence. W4DTJ Carl, who won the last hunt was the bunny and as usual did a good job of hiding. Do you know what happens to a signal that is being originated under a bridge? Well, for one thing it sure acts screwy. Carl hid under the north approach of the 22nd Ave. bridge and of course his signal was very loud on top of the bridge, but if you went in any direction from the bridge his sigs took a nose dive very quickly and the S meter would give only a weak null on the loop, most puzzling till you figured out what he had done. Eventually everyone found him except W4MNN who had receiver trouble and could not pick up his sigs very well, however, and a cold coke tastes as good to the last man in as the first. So WA4BPX will be the hidden transmitter next time, and he has been known to pull some real dillies in the past. We can look forward to a tough time on the next hunt if past performance is any criterion.

Ten has been rather up and down lately, but open a good deal of the time. If you should listen in and the band sounds dead go ahead and give with a CQ anyhow, you may be pleasantly surprised.

WA4BAL is still trying to get a "bird cage" working right, and is learning a lot about antennas in the process. When he finally gets it he will be an expert on that antenna for sure. He tells me that he has got to the point that he can take it down and make a change in the elements and get it back up faster than a bellhop can pocket a tip. That is going some.

CU on 29.044 Mcs at 730 EDT on Friday. 73 W4EDP.



By Jim Wilson N0WCK

Navy MARS in Florida is growing. There was liberal evidence of this in the Navmars meeting at the Orlando Hamfest. Sixty-two attended with some coming from as far as Pensacola and Key West. Chief Earl Crawford who represented the 6th Naval District made it clear that he and the Navy were proud of the accomplishments of the three Navmars areas in Florida. He pointed out their active participation is not only large area nets, but also in District and National nets as well. Then, too, Florida is at present carrying the responsibility of phone patches into the 6th Naval District on the Antarctic Phonepatch Net.

One interesting development is the start of checkins to our morning District Traffic Net by N0FRO from Gitmo in Cuba. His signal is good and it is probable that we will get considerable traffic from that source.

Georgia Denman N0ZTC reports that the members of the Month in N.E. Florida were: N0YJG Leesburg - All bands; N0ADY Jacksonville - 80 meters; N0HJG Orlando - 2 meters.

New members were: N0HXV, Orlando; N0ICN, Orlando; N0HWR, Leesburg; and N0HYD, Leesburg.

Anyone interested in getting more information about the Navy MARS can secure it from this correspondent.

TRAFFIC HOUNDS

By Jesse H. Morris, W4MYB

NET	QNI	QTC	SESSIONS	AVG QTC
FAST	891	416	25	16.6
GATOR	222	128	30	7.3
WPTN	558	126	30	-
FPTN	533	157	25	6.3
FMTN	555	366	26	14.0
TPTN	644	186	25	7.4
QFN	762	520	60	-
FATT				
SATN	200	190	26	7.3
VHFTN				
VHFPN				

TOP TWENTY TRAFFIC TAKERS

Each month we are happy to list the top 20 Florida traffic takers. We hope to see your call here next month.

1. W3CUL/4	BPL	3311	11. WA4NBT	136
2. WA4SCK	BPL	866	12. W4AKB	115
3. WA4BMC	BPL	520	13. WA4TJS	BPL 110
4. W3VR/4	BPL	502	14. WB4BPL	BPL 106
5. WA4NEV	BPL	418	15. WA4PWF	103
6. K4Vfy		321	16. W4SDR	99
7. WA4YIH		206	17. WB4DSP	82
8. WA4BGW	BPL	179	18. K4QCG	82
9. K4BSS		169	19. WA4TWD	78
10. WA4YII		162	20. WA4FGH	77

CLUB NEWS

(Continued From Page 10)

He and W4YLP are next-door neighbors.

Quincy: WN4EAF just received his ticket; several others are ready for the test. W4KBE is new in town. W4EKY is heard occasionally from Havana.

Chiple: WA4SRR is the new EC for Washington County with WB4FLK as Assistant. Defuniak: K4VWE rigged up a squelch for the Twoer and monitors 145.2 Mc regularly, along with W4JOZ.

Panama City: WA4ZGI was elected to replace W4KKB as Net Manager for WFPN. Crestview: K4KHV runs 30w on 146.94 FM; he reports much better communications with Ft. Walton than on the AM rig.

Milton: K4HOX and W4FPA/4 are on the air with RTTY on 80-20m. Fort Walton: We are sad to report the death of W4NN, a long-time Florida resident.

VERO BEACH

By Connie Hamlin, WB4COM

With Dennis Yantz, preparing for college I am taking over writing the club news.

I am a graduate of the Vero Beach Amateur Radio Club's Code and Theory Club. December of 1966 I became a Licensed Technician. Am using an Ameco TX-62 for both 6 and 2 meters, a Hallicrafters SK-110 as the tunable I.F., an Ameco CB-6 converter for 6, and a Lafayette HE-71 converter for 2 meter. Both the 5 element beam for 6, and the 12 element for 2 are homemade. Attend Vero Beach High School as a sophomore with Dennis.

Dennis Yantz, WA4YFY, recently won a \$14,000 scholarship for Electrical Engineering at Cornell University in Ithaca, New York. We are all proud of him.

Our Vero Beach Amateur Radio Club "2" meter net has been working regularly. Attendance has been good.

Being on 6 is new to me since I just received my 6 meter converter. Since its arrival I have made 13 contacts in 4 states with 2 confirmed. The 6 meter skip is going to be very good this year.

With school and playing league baseball cutting down on my "on the air time," I'll make up for it this summer.

SUNCOAST VHF CLUB

By Nancy WA4EDL

On our May 12 meeting night we had a very interesting talk on printed circuits given by K4NOC Stormy. Those that missed this meeting missed a good talk on how to build and check these circuits.

Door prize given and will probably be one at the next meet, maybe an XYL door prize, too, come and see!

We were all fired and happy after the Hamfest. We had a good turn out for Art, K4HQA our 'Ham of the Year.' Vineta did a superb job on the art work, going into the signs and a banner for Art. She also donated one of her original oil paintings for the XYL prizes. Vineta is the XYL of our Vice-Pres. WA4FEO Barney. Our thanks to you Vineta for a beautiful job. W4OHJ Jack donated a beautiful tea pot and stand, it was a radio! boy, almost had a hair pulling session over that and the oil painting and darn I didn't win either. Oh well, I'll try again next year. We had so many nice prizes for both XYL's and the OM's it would take loads of space to tell it all.

There will be a speaker at the June meeting and we are planning a transmitter hunt for June with a possible picnic following. Keep your eyes open on the nets for the up-coming dates and activities that are planned.

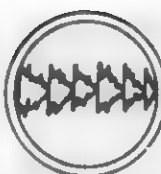
We were glad to see the St. Pete area well represented at the Orlando Hamfest.

See ya next month.

Proposed Rulemaking

FCC has issued a Notice of Proposed Rulemaking, Docket 17377, to change amateur identification rules. The amendments require transmission of call signs of both stations only at the end of a contact. At other required identification points, the call of the transmitting station alone would be enough. Thus, the proposed rule would appear to legalize tail-ending. Also, stations operating portable or mobile would need to transmit only the call carea numeral instead of the exact location. The comment deadline is June 30.

(ARRL OB 110)



The Florida Side Banders Association

By "Chuck" Ritchie W4BUG

The Orlando Hamfest has come and gone, so we rest up for the next one to come, a year from now.

First off, we would like to thank W4NGR for representing us with the Hamfest Committee and making the arrangements for our participation with the over all activities of the hamfest program.

Our regular meeting of the Association was held in the Presidential Suite of the Cherry Plaza with 32 members present. A general business session was covered with a report from W4OVE Emergency Net Manager and WA4NEV Manager of the FAST Net.

At the annual Hamfest dinner held in the Egyptian Room on Saturday night, our Association had the great honor and pleasure of making an award to two of our members who were chosen Side-Banders of the Year. The first to W4FCP V. W. Krysiak of Sebring, Florida for his untiring devotion as FAST Net Manager and Assistant Emergency Net Manager. The second award because of the tie in the selection of this award and just

as much deserved went to WA4-TBM James E. Edris of Miami, Florida for his efforts in designing, procuring and construction of electronic ham equipment for use by the Blind Students of radio club WA4TNG at the Florida State School for the Blind at St. Augustine, Florida. Jim has given of his time and knowledge so that others that are blind may see and have the use of ham equipment. Our congratulations go out to these two men who, among others, have helped to further our understanding and relationship in ham radio.

Two other honors were presented: WA4VZD, Frank Forestal from Sugar Loaf Key, one of the fabulous Florida Keys, acting for the Honorable Gerald Saunders, Mayor of Monroe County, made honorary Conch's of Chuck Ritchie, W4BUG, and V.W. Krysiak W4FCP and their XYL's and they are entitled to all privileges and benefits thereto, as all regularly constituted Conch's of the Florida Keys.

See you on 3940.

Orlando Hamfest Great Fun

By Hal W4BKC

Well like I said, come to the Orlando Hamfest and you will see or hear something unusual. We had John Young-Hubert Humphrey and now to top it all we had one lucky fellow win both of the BIG PRIZES.

M.C. Blythe, W4IJK was the lucky one who won BOTH Swan 350's. Don't know if he took both back to Pompano Beach, as there was quite a bit of talk going on about the time I had to leave. It was the first time he had ever won anything at a Hamfest. Checked with the prize committee and for those of you who might be interested, the number drawn for the first Swan 350 was #702 and the number drawn for the second Swan 350 was #4025, so they were well mixed up! Funny thing was that none of his numbers showed up for any of the smaller prizes.

R.L. Drake donated a Wattmeter won by ticket #3720-WA-4RGD of Bradenton. A SWR Matchbox donated by Drake was won by Ticket #1816-W4EDZ of Tampa. There were numerous

other prizes. Your correspondent won a subscription to Florida Skip.

A very nice young lady came to the Hamfest Saturday, she had taken the novice test some time ago and hadn't heard from it. She called home when she figured the mail had come and sure enuf her ticket had arrived. Case, W4NGR immediately thought up very appropriate phonetics-WN4 FSF-Florida's Sweetest Female. Bonnie who is 13 years old and hails from Sanford really exemplifies her phonetics. Her brother is Dave, WA4WIX. Bonnie joined the Floridors immediately and at their meeting she won the prize, a Weatherguide-with Barom pressure-temp and humidity all in one neat little package. It sure was a memorable day for Bonnie.

The attendance etc. is still being compiled at this time, so if any of it comes this way it will give me something to write about next time.

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By Hal Bates--WA4FIU

The Quarter Century Wireless Assn. "Gator" Chapter was well represented at the Orlando Hamfest on 29th and 30th of April, by about 50 members. Saturday's luncheon was attended by 43 members who walked over to Morrisons. Room 207 at the Cherry Plaza was well occupied by the members who enjoyed a little elbow bending along with their eye-ball QSO's.

Election of Officers was held there and the same officers were re-elected by unanimous vote. WA4FIU is Chairman again, W4HFR is Vice Chairman and W4YK is Secretary.

The Gator Chapter of the QC-WA is approaching 100 members now on the roster and many of those members show up on the regular Sunday 10 AM Sked on approximately 7255 KC. Any others who qualify for membership are invited to meet the gang on the air at the above time, and call in. While we use Lower side band, we can copy and welcome those on AM.

Single Sideband

The lack of channel space in the radio-frequency spectrum means more and more widespread use of ssb. This, coupled with the demand for and lack of highly skilled personnel in the design, construction, installation, and maintenance of ssb, makes this a rapidly growing field.

A new Editors and Engineers book, **SINGLE SIDE BAND: THEORY AND PRACTICE**, by Harry D. Hooton, W6TYH, is an essential volume for those interested in this "growth" area of communications.

This middle-level book covers the origin of ssb, the derivation of ssb signals, carrier suppression techniques, sideband selection, carrier generators, speech amplifiers and filters, ssb generators, balanced mixers and converters, low-power ssb transmitters, linear r-f power amplifiers, ssb communications receivers, transceivers, tests, and measurements.

This one-source reference emphasizes basic principles and circuitry, rather than mathematics. Where feasible, representative commercial equipment is featured to show how



INSIDE SHOT of the Silver Springs ARC clubhouse which they built by hand, shows the club station which does the job in working Viet Nam for hundreds of phone patches for our servicemen there. (See story elsewhere.)

basic theory has been combined with good engineering practice.

The sections on the design, construction, and adjustment of linear amplifiers contain enough information so that any qualified person can build his own equipment. All linear amplifiers shown and described have been tested on the air.

Amply illustrated, the book also includes a foldout section with detailed schematics.

Copies are available from electronics parts distributors and bookstores throughout the country, or from the publisher, Editors and Engineers, Ltd., New Augusta, Indiana 46268.

SINGLE SIDE BAND: THEORY AND PRACTICE, Catalog NO. EE-350. Size: 352 pages, 5-1/2 x 8-1/2", hardbound. List Price: \$6.95.

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Amateur Radio Supplies

CERTIFICATE HUNTERS

Compiled by W4OHP John Bowman
Assisted by WA4BMC and K8CIR

Believe it or not there are many Florida amateurs interested in certificate hunting. Like working DX or trying for a BPL (Brass Pounders League), many amateurs work hard to earn a certificate. SKIP recently was requested by three top "hunters" (W4OHP, K8CIR, and WA4BMC) to publish a list of "free or postage only ama-

teur awards." The same request went to our three leading amateur publications. Thus far, FLORIDA SKIP is the only one to publish this list. Due to its length we will break it up into 3 or 4 parts, so arranged they can be made into a booklet after cut out of SKIP. Editor

PART II

43. Wk. all R.I. K1LIH
44. Wk. Westchester No address or call
45. Night Owls Cert., 100 Brook St., Passiac, N.J.
46. WARM Cert. 17 Cleveland St., Albany, N.Y.
47. CROSSBAND Award WA2PMW
48. Ridge Runners Award WB2INK
49. N.Y. Cnty's W2JML
50. East Coast VHF WA2QHI
51. Wk. AARDVARKS P.O. Box 531 Bayonne, N.J.
52. Nights at Round Table WA2PVB
53. Knight Raiders K2DEL
54. GCARC W2AFZ
55. Apple Pie Award WA2DPR
56. WWRG W2ODZ
57. SCARA WB2MRA
58. SJRA Box 316 Haddonfield, N.J.
59. SSB AR No address or call
60. Union Cnty. WA2TOA
61. White Rose Award W3LUD
62. Horseshoe Awd. K3KQD
63. Mobileers Cert. No address or call
64. Breezeshooters Cert. 1013 Sheridan Ave. Pittsburgh 6, Penn.
65. York Cert. W3ZYO
66. WP DX Card Game W3NKM
67. Erie Award, 150 W. 6th St., Erie, Penn.
68. Tri-State 6 meter W3KPJ
69. ETNA Award W3VWL
70. PIE Station Awd., P.O. Box 849 Uniontown, Pa.
71. PAGODA Award, 133 Thorn St., Reading, Pa.
72. WFRG Award, P.O. Box 204, Chalfont, Pa.
73. Pittsburgh 6 Meter W3HFE
74. WENS Award W3GFK
75. PA. Senior Cnty. W3GJY
76. PACK RATS Award W2EIF
77. P.O.O.S. Award W3FTV
78. PENOWVA Net No address
79. BUCKS Award Box 311 Bristol, Pa.
80. Mobile 6'ers Award W3AMO
81. Wk. All Maryland K3BYD
82. VHF Society Award K3LMR
83. B & O Award, Box 7388 B&O Bldg., Baltimore 1, Md.
84. FARC Friendship Awd. K3MZI
85. Mobile Radio Club Awd. W3ZT
86. WADC Del. K3AMC
87. Cradle of Dem., P.O. Box 17, Hampton, Va.
88. Novice Half Century, P.O. Box 73, Hampton, Va.
89. Tenn. Valley W4WHN
90. MID-South VHF Award WA4ISC
91. SKUNK K4QMW
92. PALMETTO VHF Club K4UNA

Send SASE for award or certificate requirements to above, these are in the spirit of Amateur Radio.

'Down Memory Lane'

By Leo R. Scagliozzi,
W4VLN

A reminescent trip down "Kilocycle Lane" took place recently when two old-timers recalling their hamming days, dug up interesting information on activities spanning more than half a century. The ensuing quest for this memorability led to meeting with Charles Reynolds, W2KY, Binghamton, N.Y. who winters in St. Petersburg. This old-timer, whose memory seems to be sharpened as the years go on, dates his operations back to the Model T Ford spark coil and self issuance of two letter calls. So thanks to W2KY and a few other old tim-

ers and the 37 years so wonderfully spent in the pursuit of the dot and dash avocation here are a few bits of ham trivia designed to stir the imagination of the new timers and put a nostalgic gleam in the eye of the "roaring spark era" oldsters.

You are an old timer if you can remember when---

English CW stations were required to call TEST instead of the customary CQ.

You burned your lips on the "mike" operating with loop modulation.

Two licenses were necessary; an operation and station license both issued separately (and wasn't that operator's license a thing of beauty?)

(CONT'D. NEXT MONTH)

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HAMBAR

This column is FREE to any licensed Radio Amateur who is a subscriber to Florida Skip. Limit 3 per year. Additional \$1.00 each. Non-subscribers and non-amateurs \$1.00 each up to 10 lines. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

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FOR SALE OR TRADE: Prop pitch motor with SELSYN and radio compasses; BC348, 110VAC; Hazeltine TCS-6 1.5 to 12 mc rcvr, xmtr, pwr supp, cables; AF and RF sig generator; variable and fixed capacitors, transformers, tubes, etc. Trade for 6 or 20 mtr. xcvr. Tom Stanton WB4DOX, 362 N.E. 92 St., Miami Shores, Fla. Tel. 757-2063.

FOR SALE OR TRADE: Sears 1500 W, 110V alternator, like new \$135.00, or trade for ham gear of equal value. L.W. Chester, WA4EYT, 1053 Willie Dr., Jacksonville, Fla. 32205, Tel. 904-388-8628.

FOR SALE: Heathkit HX-30 and HA-20 package deal only \$195.00; Heath SBA-300-3 converter with 22mc xtal \$15.00; Dowkay DK-60 with auxiliary contacts \$9.00. Eugene G. Schroeder K4ZYA, 278 S.E. 4th Ave., Pompano Beach, Fla. 33060, Tel. 942-1189.

FOR SALE: TRI-EX HZR-471N rotating tower, heavy duty, motorized 76' crank-up, galvanized, perfect, \$1050; Drake T-4X \$295.00; Drake R-4A \$295.00; MS4/AC4 \$90.00, new March, perfect, all 3 Drake gear plus 160/10VWV xtals, \$680 firm; Ranger I F/W, clean, \$80.00; RME 6900 excellent, \$125. Want 100-200' tower. Dick Ehrhorn, WA4ETO, 13315-108th Avenue North, Seminole, Fla. Tel. (813) 595-3447.

FOR SALE: TWO Executive International Crystal CB transceivers plus coax and ground plane antenna—mount bracket with mikes. For 12 VDC or 110 VAC, 3 xtal channels with tunable receiver. Can be easily modified for 10 meters, \$200.00. C. Adkins, 10930 SW 32nd St., Miami Fla. 33165, Tel. 226-0783 after 6 P.M.

FOR SALE: DX-100 good condition \$50, Elmac 67, good \$40, G66 as is but works—\$25. Gonset Super Six \$10, Vibroplex speed keys, one for \$5 and the other for \$10. Oscilloscope DC amplifier \$10. Army type AF osc and code tape set D-25 WPM, one tape included \$20. Heath GDO \$5. Tower, 3 ten foot sections, galvanized tripod legs, apx 10-1/2" each side, HD \$10 per section, American D4T stand and cord \$10. Bob Watson, WA4DTV, 8240 S.W. 25 St., Miami, Florida—Ph. CA 1-3425.

WANTED: Multiple antennas, vertical, beam or quad or what have you?? Doug Rice, WA4NZI, 301 S.E. 6th Ave., Pompano, Fla. Ph. 942-6246.

FOR SALE: Model Teletype with metal table and manual. In excellent mechanical condition and currently in operation. Will make attractive deal. W.H. Kibbe W4CCD, 1575 Bellerose Dr., East, Clearwater, Fla. 33516.

TRADE IN SPECIAL FOR JUNE... Drake 2B with calibrator..\$120.; C.E. 20A (E) factory wired, like new latest model..\$75.00; 10A with one set coils, as is..\$25.00; Eico 723 60 w CW xmtr, like new..\$30.00; national HRO 60, all coils..\$175.00; Elmac PMR-8 receiver, like new..\$65.00; Jones micro-match..\$25.00; MARS SW-R Bridge..\$5.00; Hallicrafters HT-37, brand new condition..\$185. We stand 100% behind everything we sell, new or used. We value your business, for "the best deal anywhere", on Galaxy, Swan, Collins, Drake, BTI, Waters, National, SBE, etc. see us! Microwave Equipment Co., 4121 N.W. 27th Street, Miami, Florida. Phone 633-3415 or 633-3902.

WANTED: Curta calculator. W.L. Smith, 23GKP, 1525 Spencerville, Rd. Spencerville, Maryland 20868.

FOR SALE: Collins transmitter 32V2. Stable, reliable, dependable VFO. Works the world on all bands phone and CW. Excellent working condition. \$140 with extra 4D32 output tube. Jim C. Hirschman, K4TCV, 931 Cotorro Avenue, Coral Gables, Florida. Ph. 667-2235.

SELL: Collins 32S-1 transmitter in excellent condition with Heath HP-23 AC power supply. Hammarlund HQ-110AC receiver in excellent condition. Heath IG-102 signal generator in excellent condition. All inquiries answered. T. Zach Bruce, WA4TJS, P.O. Box 1328, Leesburg, Fla.

FOR SALE: HQ-110AC mint condition, \$175, T-150-A transmitter \$60., DK-60-G relay, \$12., P2 power SWR meter, \$5.00 or whole lot for \$230.00. W.A. Hartney, WB4DNF, 2204 Belinda Circle, Jacksonville, Fla.

FOR SALE: Heath SB-10 adapter, overhauled at Heath Factory, unpacked and in prime condx, \$75.00 plus shipping; RME-4350 receiver, good condx, \$75.00 Bill Becker WA4OOV, 464 SW 13 Terr., Miami, Fla. 33134, Tel. 688-4135

NOTICE: Next month by this time Field Day will be over. Who will be the winners of the Florida SKIP FD Trophies? Rules same as previous years. Get your scores in pronto... Editor.

FOR SALE OR TRADE: Drake 2B, Valiant, 12' speaker, two—DB 22 preselectors, one kilowatt, homebrew in 7 foot Bud cabinet complete with 2-250TH power supplies, final power variable to 3000 V-1 amp, DC mod 813 coax cable. Portable TV, 1000 foot, 2 wire #18 fabric and Neoprene tree wire. 3" scope supreme, also lots of odds and ends. Hamming since 1921, could use SSB adapter for Valiant. W.B. Bell, W4BB, 224 79th Ave., N.E., St. Petersburg, Fla.

FOR SALE: HE-45A 6 meter transmitter with HE-61 VFO, has mod trouble, \$45.00; Monarch FSI-3 SWR bridge \$8.00; Johnson Adventurer 80 thru 10, 50 w CW, \$25.00, perfect for novice or standby rig. Heath Balun coil set B-1 \$5.00; Heath C-3 condenser checker \$8.00; Eico model 221 VTVM with instructions and cords \$15.00; CDR rotor TR-10, control box with 80 feet control cable \$20.00; RME DB-23 pre-selector 80 thru 10 \$23.00. All clean and with manuals. Andy Clark W4IYT 41 Lenape Drive, Miami Springs, Fla. 33166, 888-3874.

FOR SALE: ART-13 transmitter, unmodified, \$20.00; TS-47 40-500 mos test oscillator, needs work, \$20.00; 12-inch speaker in formica covered cabinet, \$5.00; BC453 receiver conversion to 20 meters partially complete, \$5.00; 3200 VCT KW transformer, \$15.00; plus other odds and ends, etc. Must sell quickly, package deal sacrifice \$50.00 cleans everything out. Dick Blasco WA4DHU, 6270 NW 38th Terrace, Miami, Fla. 33166, Tel. 887-1166.

FOR SALE: Johnson 6N2 transmitter, brand new, converts Ranger or any other low band AM rig at 100W 6 and 2 meter xmtr, \$65.00. Microwave Equipment Company, 4121 N.W. 27th St., Miami, Fla. 33142, Tel. 633-3415.

FOR SALE: Johnson Viking II with VFO, 160 thru 10 mtrs, clean, working, with manuals and extra tubes, only \$70.00, will demonstrate; Seneca 100W 6 and 2 meter xmtr, excellent condx with manual, cost \$179 kit, sell \$150.00 or trade Drake 2B or good all-band receiver, will demonstrate. M. Eisenstein W4CMK, 580 Janice Ct., Merritt Island, Fla. 32952, Tel. 632-6426.

QRRR: Need help in alignment of a Dynalab converted HW-12. Would appreciate a call or letter. Bob Lightner, WA4PWF, 3860 N.W. 179 Street, Carol City, Fla. 33054, Tel. 621-9497.

FLORIDA ARPSC NETS

ARRL League Official/Appointee net, 3950 Thurs. 8 PM Florida Amateur Sideband Traffic, 3940 Sun.-Fri. 6 PM Florida Amateur Teletype Traffic, 3704, Daily 7 PM Florida Midday Traffic Net, 7230 Mon.-Sat. Noon, Florida Phone Traffic Net, 3945, Mon-Sat 7AM Florida SSB Emergency Net, 3940, Wed. 7:30 PM GATOR Net 3651, Daily 8:30 AM.

QFN All Florida c.w. Net, 3651, Daily 630 and 10 PM South Atlantic Traffic (Fla. to NY) 3950 Mon.-Sat. 1030 PM Tropical Phone Traffic Net 3945, Mon-Sat 5 PM West Florida Phone Net 3947, Daily, 6 PM. (All times in EDT) (Keep this list near log.)

Letters to the Editor

Editor SKIP:

Because there are two different meanings to "audible frequencies", I would like to add my suggestion to others that HERTZ be used only in reference to Herzian, or electromagnetic waves, and reserve CYCLES PER SECOND for all mechanical vibrations, including those in the audible range. Currents in audio circuits and speaker voice coils, along with radio frequency waves should have their frequencies described in units of the Hertz. Mechanical vibrations, such as speaker cone movements, vibration of microphone diaphragms, air vibrations, etc., should be described in terms of cycles per second.

"Audio frequencies" that are referred to in a radio circuit are actually in the category of electromagnetic disturbances or forces, and cannot be heard by man or animal. These are called "audible" frequencies because they correspond to the frequencies of mechanical vibrations which can be detected by the ear.

By using the HERTZ only to refer to electromagnetic disturbances, and the cycle for mechanical vibrations, we can separate the real audible frequencies from the electromagnetic "audible frequencies." We cannot separate them with numbers, as they are both characterized by the same number of "beats", "fluctuations", or variations per second.

Dick Frederick, K4UGC
Miami

Dear Mabel:

This is the world's most belated thank-you letter.

April 27, 1965 I received a certificate from Florida SKIP as an XYL award. I was so proud of it that I immediately framed and hung it on the wall. My conscience is clear in accepting the award, as I am sure I have performed many little duties to keep my "Noble Knight" active. Here's proof, check enclosed for Fla. SKIP.

XYL with 73's,
Cressie Warning
XYL of W4LAW, Tampa

Editor:

I would like to compliment Florida Skip for the adoption of the term Hertz as the replacement for cycle per second. To me it represents a progressive step in the much needed effort of international understanding.

It is becoming more evident each day that our international neighbors while liking us personally resent being told that our way of doing things is the only correct way.

As for the position of a particular branch of the Armed Forces (Army Mars Newsletter 2 Feb 1967) I thought it was well understood that in the service there are three ways to do things—the Army way, the Navy way, and the Air Force way. The correct way depends on your affiliation. That was one of the first things I learned as a recruit.

Vance Murr W4FWI
Miami Springs, Fla.

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ZIP CODE NUMBERS
IN ALL ADDRESSES



THIRTEEN YEAR-OLD Bonnie Wieboldt of Sanford was a real happy girl the day of the Orlando Hamfest when her novice license arrived. WN4FSF (Florida's Sweetest Female) can be found on 40 and 15 c.w. in the evenings. She is a grade B student in Sanford and recently joined the Floridians. Big brother Dave, WA4WIX and Lambert WB4CSP were Bonnie's inspiration. She plans on taking her general in July or August. We'll keep you posted.

W4CPG TO A.R.C.

(Continued from Page 1)

published for several years by W4CXB. Just about every breath Russ took was recorded in ye ole Harmonics.

Throughout the years, Russ tired of just repairing radios for a living and went back to school. Teaching that is. He settled down in Orlando and was teaching radio to the Youth Group which was sponsored by the government. Along came World War II, Ratheon called for Field Engineers, Russ responded. He talked several Miami boys into going to war for Ratheon, myself included, so you see I do know what I'm talking about.

Russ will be remembered by his many friends here in Miami during the war years 1941-42-43 as well as by many mutual friends up at the Ratheon factory in Waltham, Mass. Radar was highly secret then but it was no secret we were helping the Navy.

After the war, Russ tied up with the Forestry Service and got in pretty deep with this communications stuff. We used to take in all the little Hamfests around the state and don't believe Russ missed any of them for he was always there.

Russ was always a sharp trader at the Swap Table. We swapped junk and wit many times and still have stuff we never used. We enjoyed every bit of it. We were quite happy when Russ opened his famous SWAP SHOP in Tampa and continued to travel the state for goodies to keep his shelves full. A heavy donation

from Russ helped put FLORIDA SKIP in business in the early days of '57, before advertising funds and subscriptions were available.

Today, Russ is coming back to Miami to live. He says he has no great plans afloat and probably won't be on the air at least until he gets settled. Amateur Radio Center is most fortunate in obtaining his talents for making good wholesome friends. Russ is joining the expanding staff at ARC and Wiley says, "Problems were meant to be solved and Russ is just the man who can solve them." We at FLORIDA SKIP wish him the best of luck and have not forgotten that he was one of our early supporters.

W4JO

SILENT KEYS

The many friends of Stanley E. Brown--W4UYD will miss him since his passing on May 2, 1967. He had been licensed as far back as 1914 and had spent the last six years in Dunedin, Fla., at 2490 Bayshore Blvd. He was eighty years young.

Bill Kopelman W4BVJ, Miami Springs, Fla.

Ray Atkinson W4NN, Ft. Walton Beach, Fla.

**PATRONIZE
OUR
ADVERTISERS**



SCM's CORNER E/F

By Jesse H. Morris,
W4MVB, SCM E. FLA.

By the time you read this the Orlando Hamfest will be history and it will be almost time to make plans for next year, but a few words should be said about the affair. The Orlando group did their usual outstanding job. I think everyone enjoyed themselves to the utmost. It was a pleasure for me to attend my first hamfest as your SCM. I met lots of people whom I have talked to and most of those who have made monthly reports to me. I received a few complaints about my job and about the doings of others. I shall try to correct my errors and make the others aware of their's.

One of the complaints I received should, I think, be aired here for all to read and ponder. About three people complained to me about the afternoon traffic nets sending stations off frequency to handle traffic. It seems that often these stations move right on top of stations already in QSO and proceed to pass their traffic. This is, of course, frowned upon by these stations and I think rightly so. I know that we on the traffic nets seem to think that the only interference problems that are found are the cases when stations who are not in the net come on net frequency and start calling another station. Of course this does not apply during an actual emergency but during normal times we should try to keep from doing this sort of thing even if it means keeping more stations on frequency. Perhaps we could limit the number of stations who go off frequency at any one time and hold the rest until some are back at any rate those who do not participate in our nets should receive as much consideration as those who do. If this sort of thing happens too often we may never coax them into the nets.

Another subject that came up is counting MARS traffic in our monthly totals. Although I would like to have the traffic count the rules state that all traffic must be handled on amateur frequencies and thus MARS traffic would not count.

While we are on this subject I might dwell a little on the practice of reporting. Many think it is useless to report small totals. This is not so. At the end of each year the standing of each section is figured on the basis of the total number of stations as well as the total traffic. Last year we were third among all 73 sections. This year we could be first if only those stations who handle one or two messages would report regularly. K4SJH has built a good organization in this respect in the past few years so we can show our appreciation by continuing to grow in traffic and in numbers. Please report your traffic, no matter how small, to me each month. As a matter of fact why not originate at least one piece of traffic each month and you will be sure to have something to report.

That about covers it for this month. Good luck to all and 73. DE W4MVB.

- Facts -

1. There are 267 awards in the U.S. that can be earned free or for postage only. Of these 267 none are from the CHC.

2. There are 19 awards that can be earned for less than 50¢. In most cases 25¢ each. Of these 19 none are from the CHC.

3. There are 82 awards that can be earned for less than 75¢. In most cases 50¢ each. Of these 3 are from the CHC.

4. There are over 1500 awards that can be bought for \$1. Of these over 1450 are issued and are from the CHC; in other words over 95% of all the \$1.00 awards in the U.S.A. are issued

by the CHC. Less than 1% of all U.S. awards issued in the U.S. for less than \$1.00 are issued by the CHC.

(There are 89 basic CHC k-6bx \$1.00 awards. Each of the 89 is available at an extra \$1.00 with endorsements and/or steps; 25, 50, 100 etc. By actual count there are closer to 2000 pieces of paper available from k6bx each \$1.00. There are only 64 awards issued for \$1.00 outside of the non-profit k6bx empire, non-profit, huh).

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